

AMENDMENTS TO THE CLAIMS

1-24. (Cancelled)

25. (New) A radially deformable endovascular prosthesis, comprising:

a lattice deformable between a retracted state wherein said lattice has a small diameter, and an expanded state wherein said lattice has a large diameter;

at least two external hooks configured to define a clamp for anchoring said prosthesis to external tissue, said at least two hooks being mounted to said lattice so as to be movable between a spaced-apart position wherein said clamp is open, and a close-together position wherein said clamp is closed;

wherein said lattice includes crossed wires arranged to define meshes, said at least two hooks being connected to said wires of said lattice at opposite sides of one of said meshes of said lattice such that said one of said meshes has a first shape when said lattice is in said retracted state so that said at least two hooks of said clamp are in said spaced-apart position, and such that said one of said meshes has a second shape when said lattice is in said expanded state so that said at least two hooks of said clamp are in said close-together position.

26. (New) The prosthesis according to claim 25, wherein each of said at least two hooks has a connection end connected to said lattice, and said at least two hooks are configured to move relative to each other during deformation of said lattice from said retracted state to said expanded state.

27. (New) The prosthesis according to claim 26, wherein each of said meshes of said lattice is shaped as a deformable quadrilateral, and each of said at least two hooks is connected to said lattice at a respective corner of one of said quadrilateral-shaped meshes.

28. (New) The prosthesis according to claim 26, wherein said connection end of each of said at least two hooks is welded or soldered to said lattice.

29. (New) The prosthesis according to claim 26, wherein said connection end of each of said at least two hooks is extended by a strand twisted around said lattice.
30. (New) The prosthesis according to claim 25 wherein each of said at least two hooks has a hooking end shaped as a shepherd's crook, said at least two hooks being shaped and arranged to at least partly overlap when said lattice is in said expanded state so as to form said clamp.
31. (New) The prosthesis according to claim 25, wherein each of said at least two hooks is shaped as a rectilinear blade, said at least two hooks extending facing each other and spaced apart from each other when said lattice is in said expanded state.
32. (New) The prosthesis according to claim 25, wherein said lattice is elastically deformable towards said expanded state.
33. (New) The prosthesis according to claim 25, further comprising a stretchable and liquid-proof film, said lattice having a tubular shape and being embedded in said film.
34. (New) The prosthesis according to claim 25, wherein said lattice has a tubular shape, said at least two hooks being offset circumferentially with respect to each other around said tubular lattice.
35. (New) The prosthesis according to claim 34, wherein said at least two hooks are offset circumferentially with respect to each other around said tubular lattice by a first circumferential spacing when said at least two hooks are in said spaced-apart position, and said at least two hooks are offset circumferentially with respect to each other around said tubular lattice by a second circumferential spacing when said at least two hooks are in said close-together position, said second circumferential spacing being smaller than said first circumferential spacing.
36. (New) A kit for treating a blood vessel, said kit comprising:

a radially deformable endovascular prosthesis, including:

 a lattice deformable between a retracted state wherein said lattice has a small diameter, and an expanded state wherein said lattice has a large diameter;

 at least two external hooks configured to define a clamp for anchoring said prosthesis to external tissue, said at least two hooks being mounted to said lattice so as to be movable between a spaced-apart position wherein said clamp is open, and a close-together position wherein said clamp is closed;

 wherein said lattice includes crossed wires arranged to define meshes, said at least two hooks being connected to said wires of said lattice at opposite sides of one of said meshes of said lattice such that said one of said meshes has a first shape when said lattice is in said retracted state so that said at least two hooks of said clamp are in said spaced-apart position, and such that said one of said meshes has a second shape when said lattice is in said expanded state so that said at least two hooks of said clamp are in said close-together position;

 a retaining device for holding said lattice in said retracted state at said clamp, said retaining device being configured to maintain said clamp open by tightening said one of said meshes carrying said at least two hooks; and

 a lattice delivery tube defining a confinement duct in which said lattice is confined in said retracted state, said retaining device being separate from said lattice delivery tube such that said lattice is releasable from said lattice delivery tube to assume said expanded state while said one of said meshes carrying said at least two hooks remains tightened.

37. (New) The kit according to claim 36, wherein said confinement duct of said delivery tube includes longitudinal channels for receiving said at least two hooks.

38. (New) The kit according to claim 36, wherein each of said at least two hooks has a connection end connected to said lattice, and said at least two hooks are configured to move relative to each other during deformation of said lattice from said retracted state to said expanded state.

39. (New) The kit according to claim 38, wherein each of said meshes of said lattice is shaped as a deformable quadrilateral, and each of said at least two hooks is connected to said lattice at a corner of one of said quadrilateral-shaped meshes.

40. (New) The kit according to claim 38, wherein said connection end of each of said at least two hooks is welded or soldered to said lattice.

41. (New) The kit according to claim 36, wherein each of said at least two hooks has a hooking end shaped as a shepherd's crook, said at least two hooks being shaped and arranged to at least partly overlap when said lattice is in said expanded state so as to form said clamp.

42. (New) The kit according to claim 36, wherein each of said at least two hooks is shaped as a rectilinear blade, said at least two hooks extending facing each other and spaced apart from each other when said lattice is in said expanded state.

43. (New) The kit according to claim 36, further comprising a stretchable and liquid-proof film, said lattice having a tubular shape and being embedded in said film.

44. (New) The kit according to claim 36, wherein said lattice has a tubular shape, said at least two hooks being offset circumferentially with respect to each other around said tubular lattice.